

Western Blot of Flk-1/SEAPS Immunoprecipitation with MAb DC101

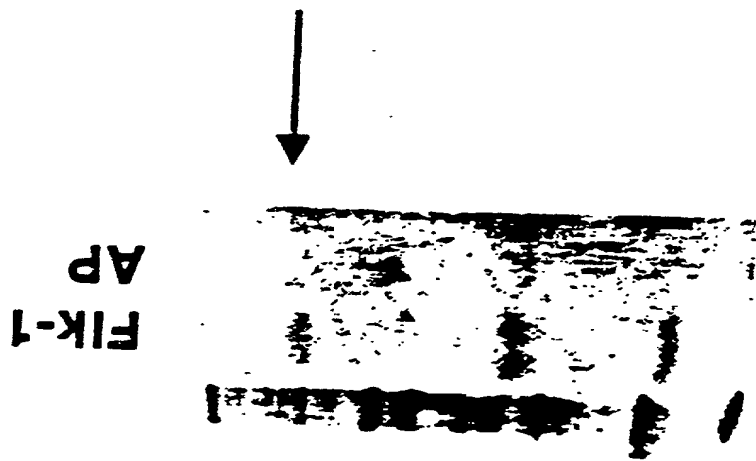
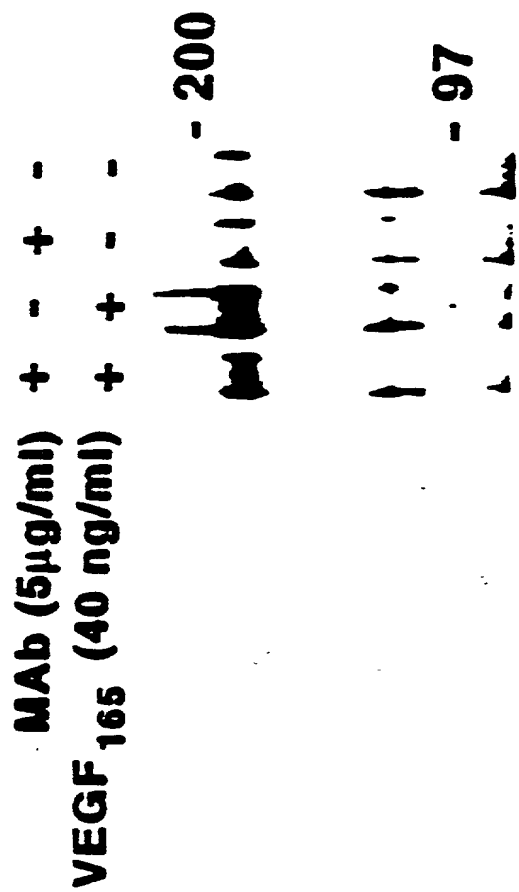


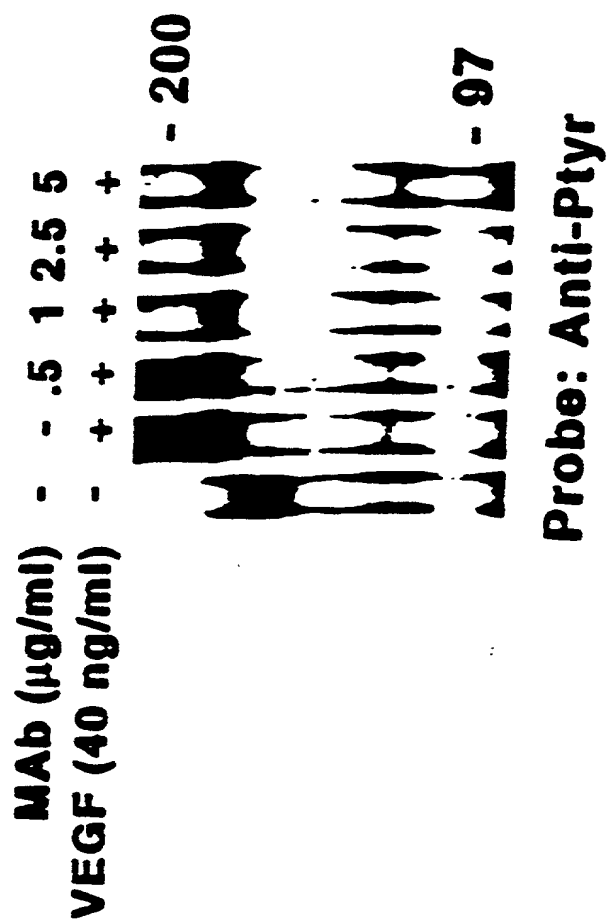
Figure 1

Figure 2a



Probe: Anti-Ptyr

Figure 2b



MAb (5µg/ml)
VEGF (ng/ml)

MAb (5µg/ml)
VEGF (ng/ml)

+	+	+	+	+
80	40	20	10	-
80	40	20	10	-
+	+	+	+	+

- 200

Anti-pTyr

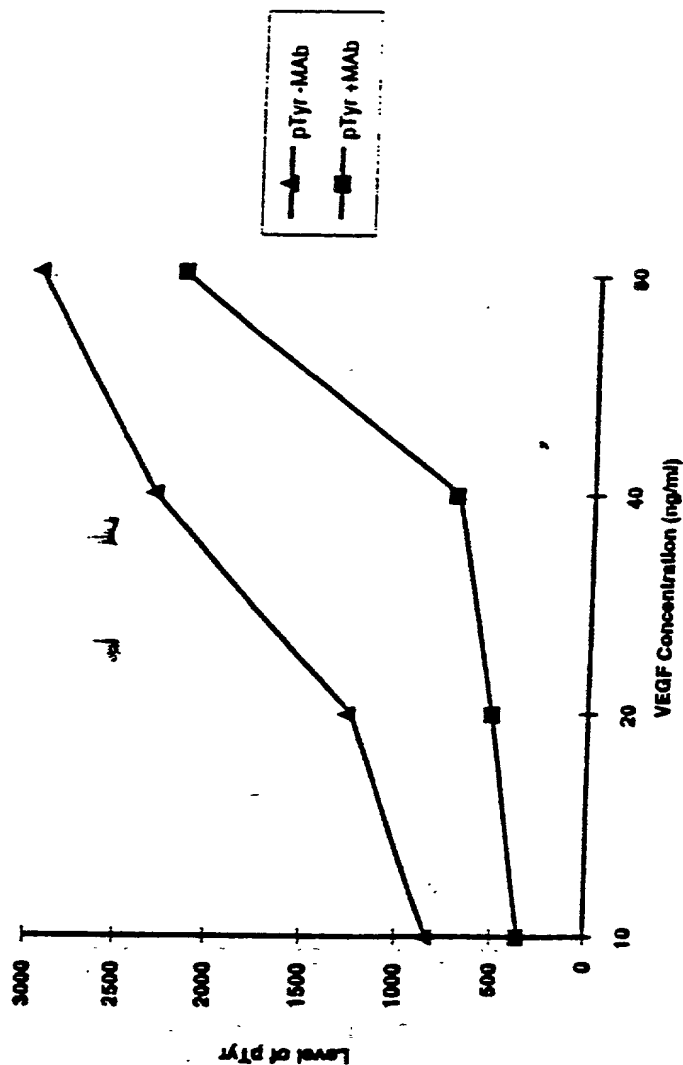
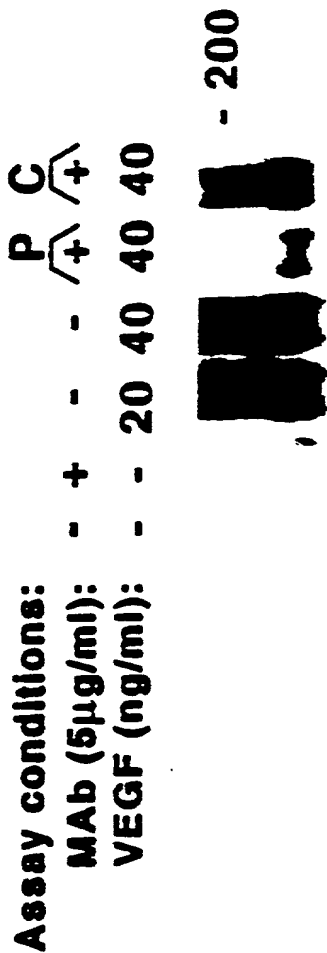


Figure 3

Inhibition of VEGF-FIk-1/fms activation by prebound MAb DC101

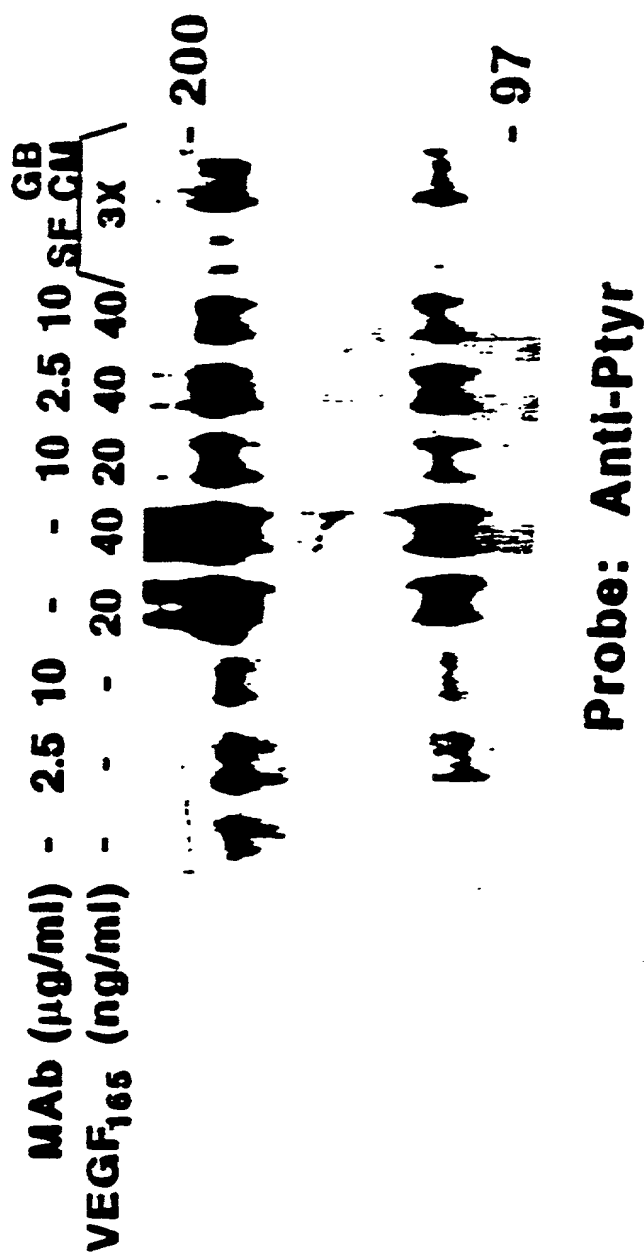


Probe: Anti-Ptyr

Assay conditions: P: MAb prebound 15'; VEGF 15'
C: Competitive assay; MAb + VEGF 15'

Figure 4

Figure 5



**FACS Analysis of Anti-flk-1 MAb Binding to flk-1/fms
Transfected 3T3 Cells (C441)**

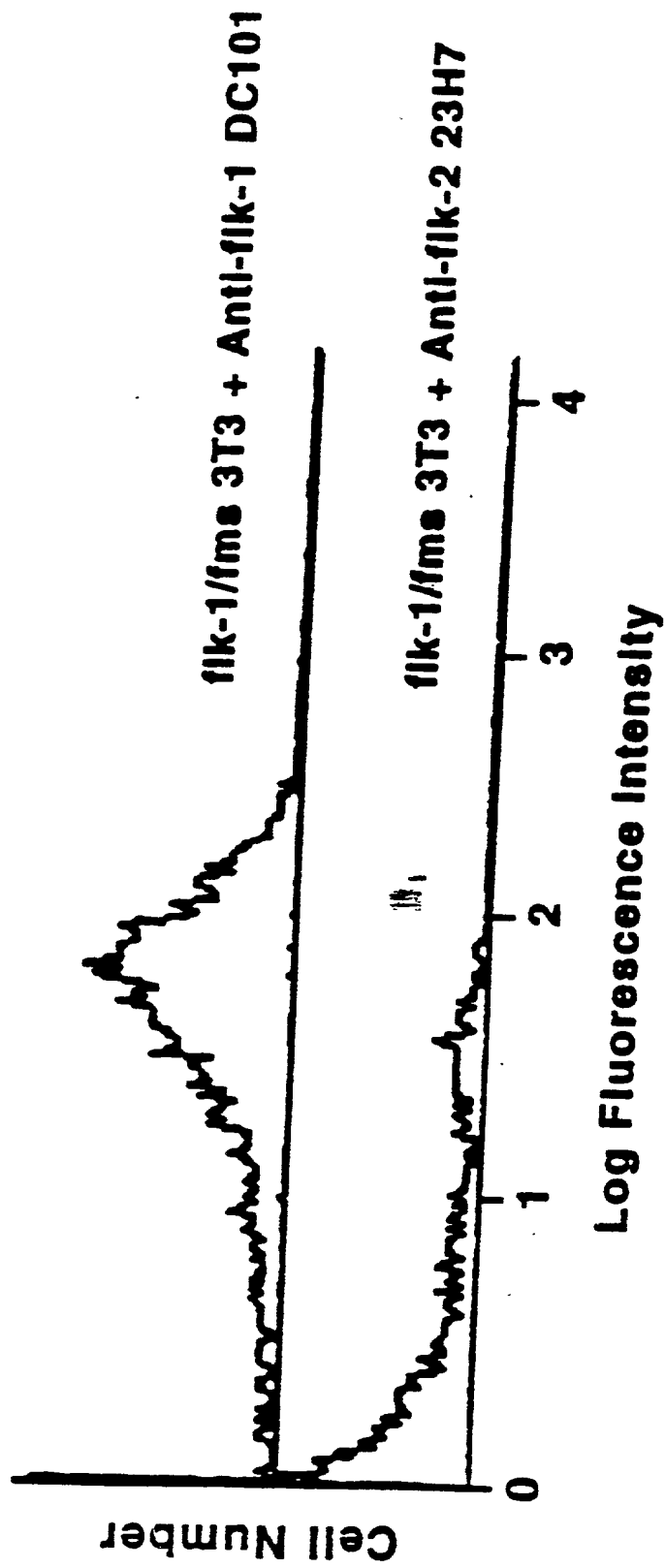


Figure 6

Saturation Binding of MAb DC101 to the Flk-1/fms Receptor on the Transfected 3T3 Cell Line C441

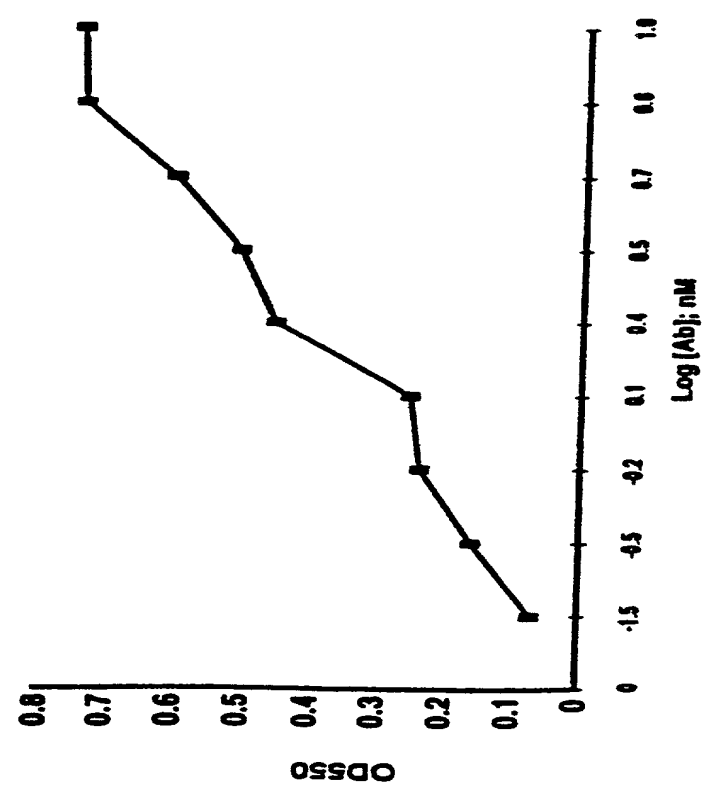


Figure 7

**Immunoprecipitation of phosphorylated flk-1/fms from
VEGF stimulated flk-1/fms transfected 3T3 cells.**

Antibody: 1 2 3 4

- 200

Anti-pTyr

**Antibodies: 1) Rat anti-flk-2 IgG_{2a} 2A13
2) Rat anti-flk-1 IgG₁ DC101
3) Rat anti-flk-2 IgG₁ 23H7
4) Rabbit anti-fms polyclonal IM 133**

Figure 8

Sensitivity of VEGF induced phosphorylation of the Flk-1/fms receptor to inhibition by MAb DC101

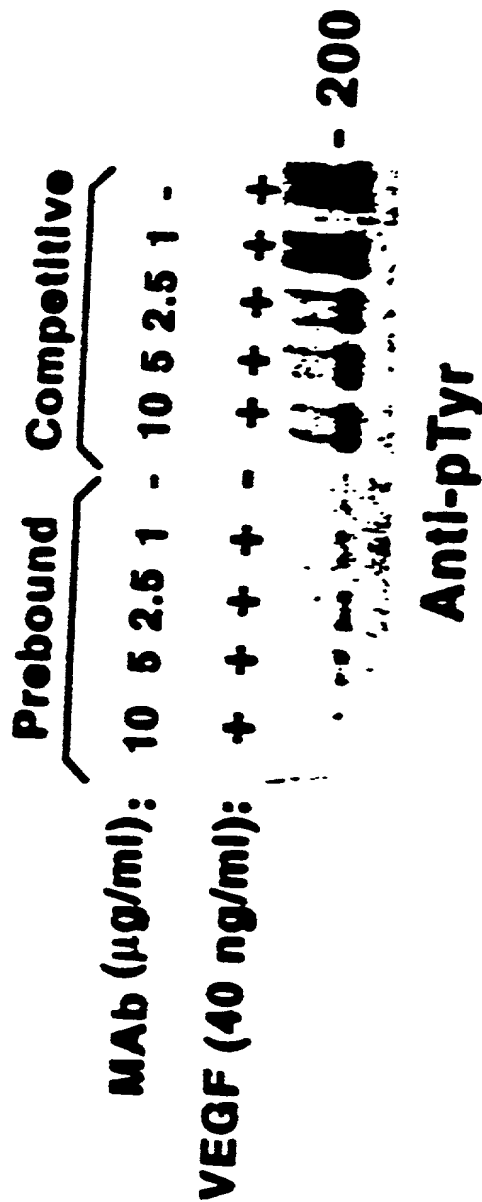


Figure 9

Effect of MAb DC101 on CSF-1 induced phosphorylation of the FMS receptor.

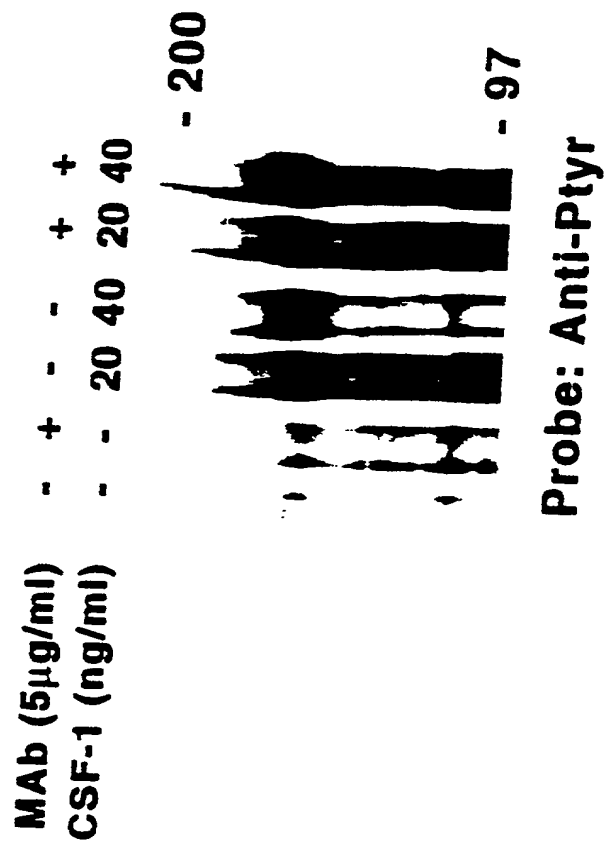
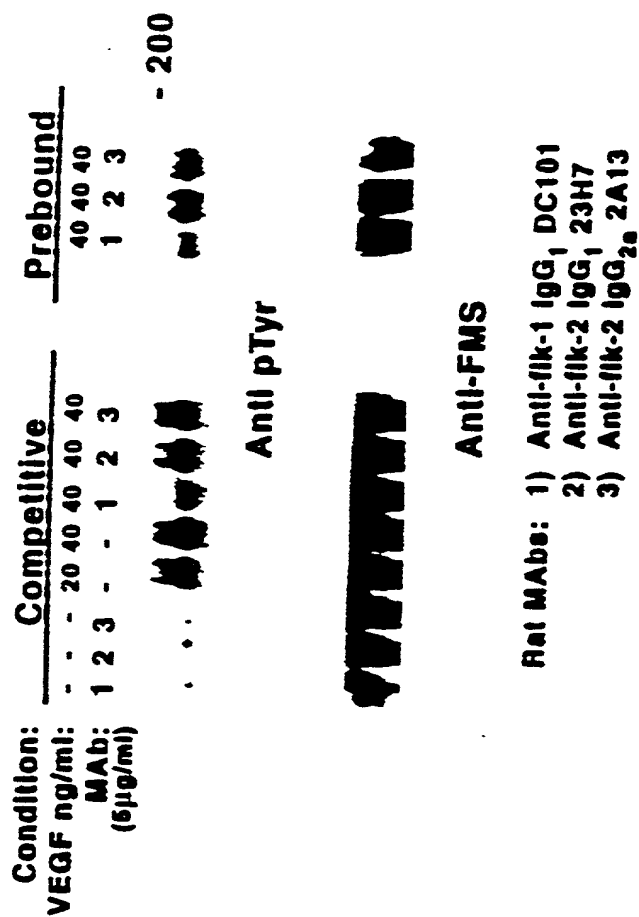


Figure 10

Specificity of MAb DC101 neutralization of the activated flk-1/fms receptor



2040E0" FF20600T

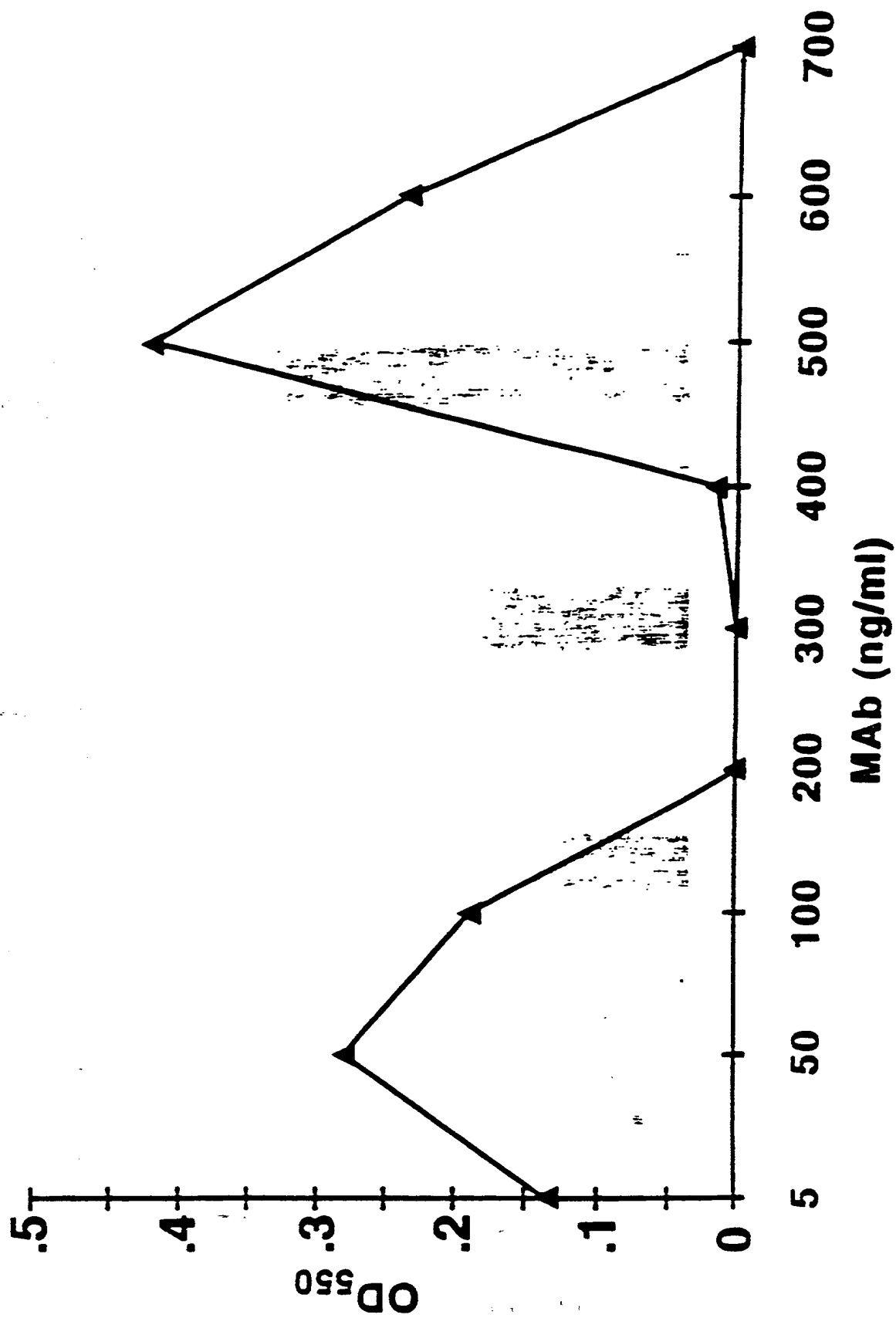


Figure 12

Immunoprecipitation of phosphorylated receptor bands from VEGF stimulated HUVEC cells

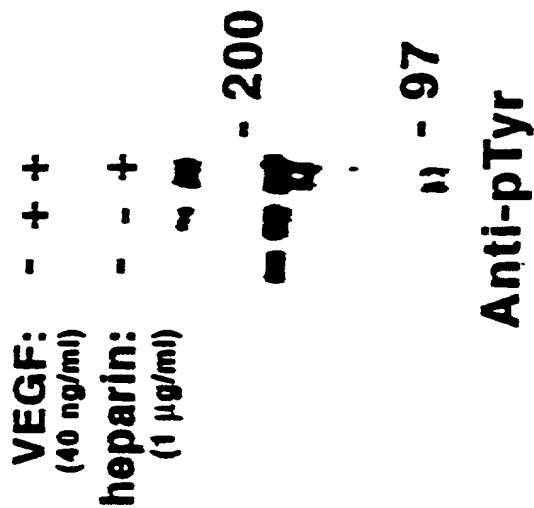


Figure 13

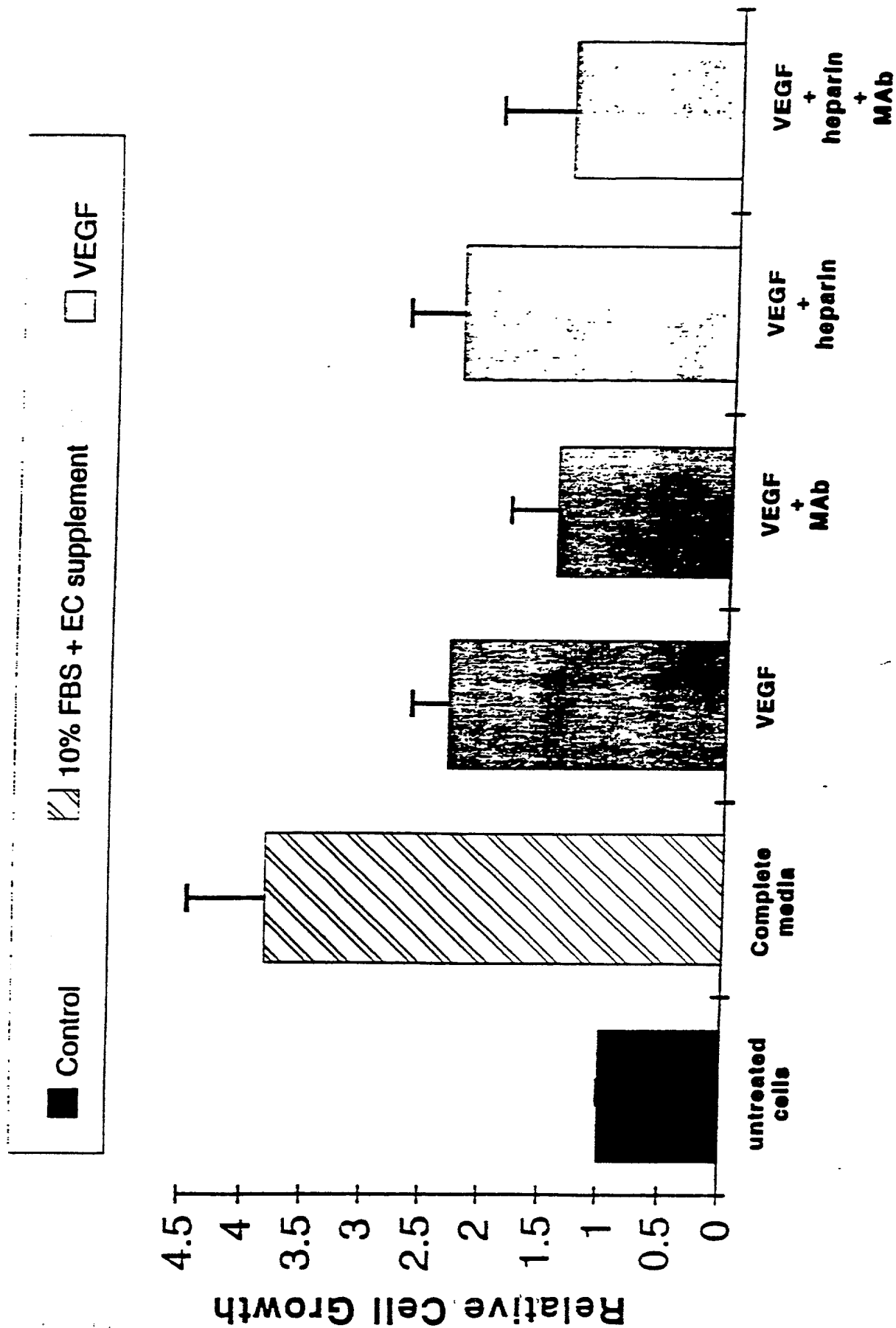


Figure 14

Effect of MAb DC101 on VEGF Receptor Forms in the Tumor Cell Lines A431 and 8161

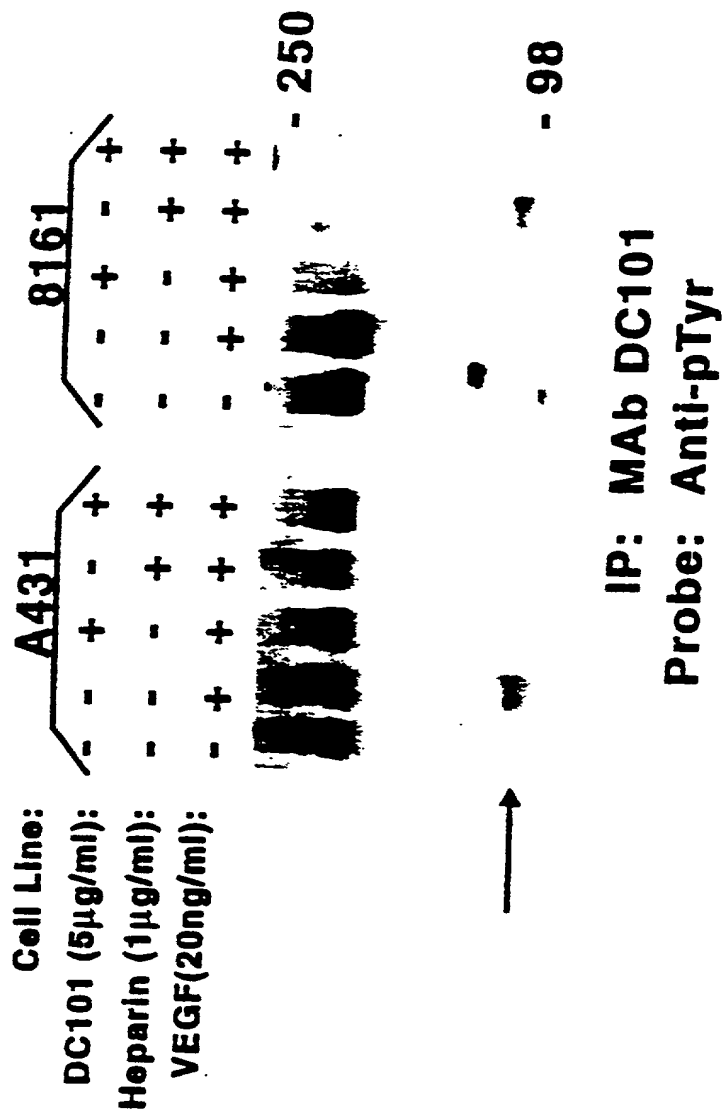
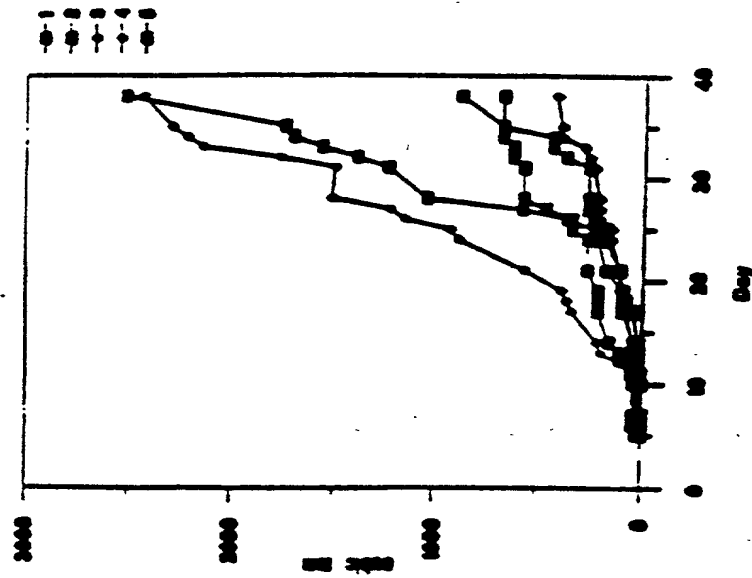


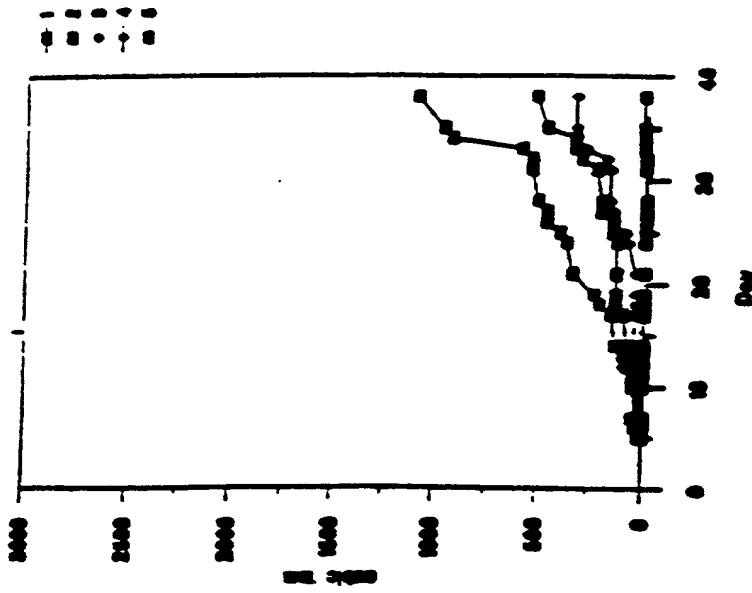
Figure 15

Figure 16
2040ED-1120500T

**Treatment of Glioblastoma
Xenografts with Rat anti-flk-2 MAb**



**Treatment of Glioblastoma
Xenografts with Rat anti-Flk-1 MAb**



Statistical Analysis:

Flk-1 slope = 16.09

Flk-2 slope = 37.39

p value for Flk-1 versus Flk-2 tumor size = 0.0001

Figure 17

